EXHIBIT B

Patent Claims Analysis
of
US10021380: "Faster state transitioning for continuous adjustable 3Deeps filter spectacles using multi-layered variable tint materials"

against
Belkin NETCAM HD

US10021380B1

United States

Inventor   Kenneth Martin Jacobs, Ronald Steven Karpf

Current Assignee Vdpp LLC Visual Effect Innovations LLC

Worldwide applications
2017 ~~US US~~ 2018 US

| Claims priority from a provisional application | | 01/23/2001 | Expired |

Total patentTerm Adjustments
0

CLAIMS

1. A method for generating modified video, the method comprising:

acquiring a source video comprising a sequence of image frames, each of the image frames being associated with a respective chronological position in the sequence;

identifying a first image frame associated with a first chronological position in the sequence of the source video and a second image frame associated with a second chronological position in the sequence of the source video;

expanding the first image frame to generate a modified first image frame, wherein the modified first image frame is different from the first image frame;

expanding the second image frame to generate a modified second image frame, wherein the modified second image frame is different from the second image frame;

combining the modified first image frame and the modified second image frame to generate a modified combined image frame, the modified combined image frame having first and second opposing sides defining a first dimension and third and fourth opposing sides defining a second dimension; and

displaying the modified combined image frame.

Row	Claim Element	Contention
1.0	1. A method for generating modified video, the method comprising:	*Belkin NETCAM HD implements the Method of Claim 1.* <https://www.bhphotovideo.com/c/product/1000414-REG/belkin_f7d7602_netcam_hd_wi_fi.html/specs> © 2024
1.1	acquiring a source video comprising a sequence of image frames, each of the image frames being associated with a respective chronological position in the sequence;	*Two consecutive image frames are read in from storage for acquisition.* *[Note: This is necessary in order to do NIGHT VISION.]* See Everything with Wide-Angle Lens and Night Vision <https://www.bhphotovideo.com/c/product/1000414-REG/belkin_f7d7602_netcam_hd_wi_fi.html> © 2024
1.2	identifying a first image frame associated with a first chronological position in the sequence of the source video and a second image frame associated with a second chronological position in the sequence of the source video;	*Two consecutive image frames are read in from storage for identification.* *[Note: This is necessary in order to do NIGHT VISION.]* See Everything with Wide-Angle Lens and Night Vision <https://www.bhphotovideo.com/c/product/1000414-REG/belkin_f7d7602_netcam_hd_wi_fi.html> © 2024

1.3	expanding the first image frame to generate a modified first image frame, wherein the modified first image frame is different from the first image frame;	*The first image frame and the second image frame are expanded (scaled) to generate a modified first image frame and a modified second image frame.* Video Features Adjust image size and quality <<https://www.bhphotovideo.com/c/product/1000414-REG/belkin_f7d7602_netcam_hd_wi_fi.html/specs>> © 2024 *The first image frame is expanded (scaled) to generate a modified first image frame.* *Since the modified first image frame is expanded from the first image frames - they are different.*
1.4	expanding the second image frame to generate a modified second image frame, wherein the modified second image frame is different from the second image frame;	*The first image frame and the second image frame are expanded (scaled) to generate a modified first image frame and a modified second image frame.* Video Features Adjust image size and quality <<https://www.bhphotovideo.com/c/product/1000414-REG/belkin_f7d7602_netcam_hd_wi_fi.html/specs>> © 2024 *The second image frame is expanded (scaled) to generate a modified second image frame.* *Since the modified second image frame is expanded from the second image frames - they are different.*
1.5	combining the modified first image frame and the modified second image frame to generate a modified combined image frame,	*Belkin NETCAM HD combines the modified (scaled) first and second image frame, and combines them - generating a modified combined image frame (which is the NIGHT VISION frame).* See Everything with Wide-Angle Lens and Night Vision <<https://www.bhphotovideo.com/c/product/1000414-REG/belkin_f7d7602_netcam_hd_wi_fi.html>> © 2024
1.6	the modified combined image frame having first and second opposing sides defining a first dimension and third and fourth opposing sides defining a second dimension; and	*The implication of this clause is that the image displayed is a rectangle.* Resolution 1280 x 720, 640 x 360, 320 x 180 <<https://www.bhphotovideo.com/c/product/1000414-REG/belkin_f7d7602_netcam_hd_wi_fi.html/specs>> © 2024 *This means the screen opposing sides are of equal dimension (the display screen is rectangular in shape).*

1.7	displaying the modified combined image frame.	*The modified combined image frame is displayed (i.e., the NIGHT VISION) video frame is displayed.*